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DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

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Supervisor

Tom Mynson
for
DARON HADDOCK

Inspection Report Minerals Regulatory Program

Report Date: September 22, 2004

Mine Name: Little Cottonwood Granite Quarry

Permit number: S/035/017

Operator or Permittee Name:

Inspection Date: September 1, 2004

Corporation of the Presiding Bishop

Permittee Mailing Address:

Joseph Smith Memorial Building, Fl. 8; 50 E. South
Temple, COB 11; Salt Lake City, UT 84150-6330

Inspector(s): Paul Baker

Weather: Clear, 80's

Inspection Start Time: 10:50 AM

Inspection End Time: 11:15 AM

Other Participants: None

Site location/Area Inspected (i.e. Pit #):

Entire area

Permit Status: Reclaimed

Surface Ownership: Fee

Current Acreages:

Mineral Ownership: Fee

Total Permitted (Bonded): 5

Mineral Mined: Granite

Total Disturbed: Abt. 3; exact acreage not known

Type of Mine: Surface

Elements of Inspection	Evaluated	N/A	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (open shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Explosives, magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection: To look at the vegetation and determine whether the site could be released.

Inspection Summary:

1. Permits, Revisions, Transfer, Bonds

This site was reclaimed in 2000 and, to my knowledge, last seeded in 2001. The operator has continued to pay the permit fee but has been desirous over the last few years to have the site released. It has now been three growing seasons since the last seeding and planting, so the site is potentially eligible for release.

2. Public Safety

The site is just below a very popular climbing area, and there is a trail leading to this area through the disturbed area. It appears the climbers stay pretty well on the rock-lined trail without walking through the rest of the area (Photo 1).

At the bottom of the disturbed area is an area to the side of the highway that climbers had been using for parking until the operator fenced it off (Photo 2). Although the fence installation is temporary, the operator does not want people parking there because of liability concerns. People now park on the other side of the highway and hike around the fence (Photo 3).

I understand from Greg Baptist (Salt Lake County Public Works) that the highway right-of-way extends 60 feet on either side of the highway center line and that the operator received permission to put the fence within the right of way. Much of the area shown in Photo 2 is in the right-of-way, but I did not measure to see exactly how much.

Unless the operator has approval from UDOT to leave the fence in the right-of-way, it needs to be removed. Another fence could be built outside the right-of-way, but it would need to comply with county ordinances.

When the quarry first started, some orange fencing was used to mark the perimeter boundary. This needs to be removed before the site is released.

3. Protection of Drainages

The operator had installed silt fences and straw bales (Photos 2 and 4), but most of these are no longer functional. These should be removed before the site is released. The straw could be spread around the site but should not be left in clumps. Baling twine needs to be removed.

13. Revegetation

Vegetation on most of the site is very good (Photo 6), but there are some areas where weeds predominate (Photo 7). The cover does not approach 70 percent of the adjacent areas because adjacent areas have mature trees and much of the disturbed area is a talus slope (Photo 5). It is impractical to think the reclaimed area could have 50-60 percent cover in three years. Vegetation in most of the area has been established within practical limits (R647-3-109.13.12).

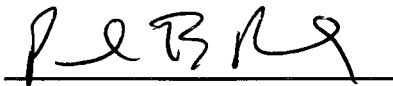
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The only area where I have some reservation whether there is adequate vegetation is the area next to the road that was previously used for parking (Photo 2). The soil in this area was compacted to the extent that it may take years for appreciable vegetation to become established, but the area that is most affected is within the highway right of way. If the temporary fence was removed, it is nearly certain people would once again park in this area. I consider this a land use issue that needs to be settled between the operator, the Department of Transportation, and Salt Lake County.

Inspector's Signature



Date: September 22, 2004

PBB:jb

Enclosures: Photo Attachment

cc: Thomas Hansen, Operator

Greg Baptist, Salt Lake County Public Works

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ATTACHMENT

Photographs

Mine Number, Mine Name, Operator Name

Inspection Dated: September 1, 2004; Report Dated: September 22, 2004



Photo 1. Trail leading up through the disturbed area.



Photo 2. Area that had been used for parking until it was fenced.



Photo 3. This is the place west of the fenced parking area where people go around the fence to get to rock climbing areas.



Photo 4. Some of the sediment control structures that are no longer functional.

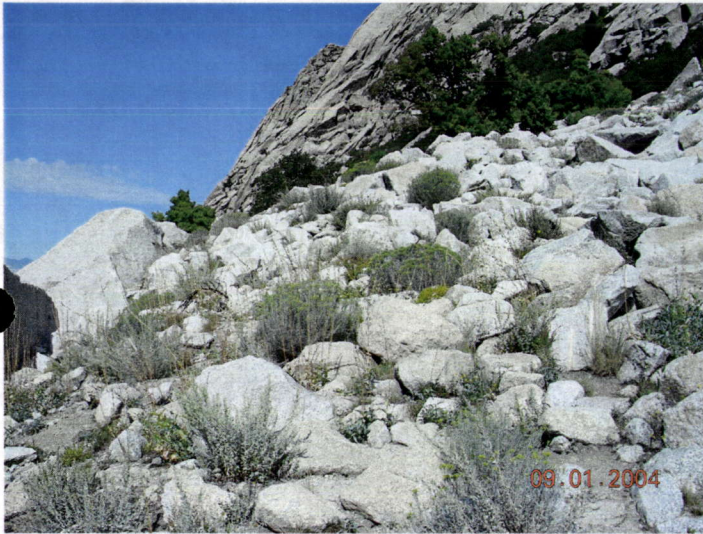


Photo 5. Part of the reclaimed area. Note the number of rocks and the amount of vegetation between the rocks.



Photo 7. There are some areas where weeds predominate.



Photo 6. Another part of the reclaimed area. Trees may eventually invade the reclaimed area.